

## PRINTER CONTROLLER

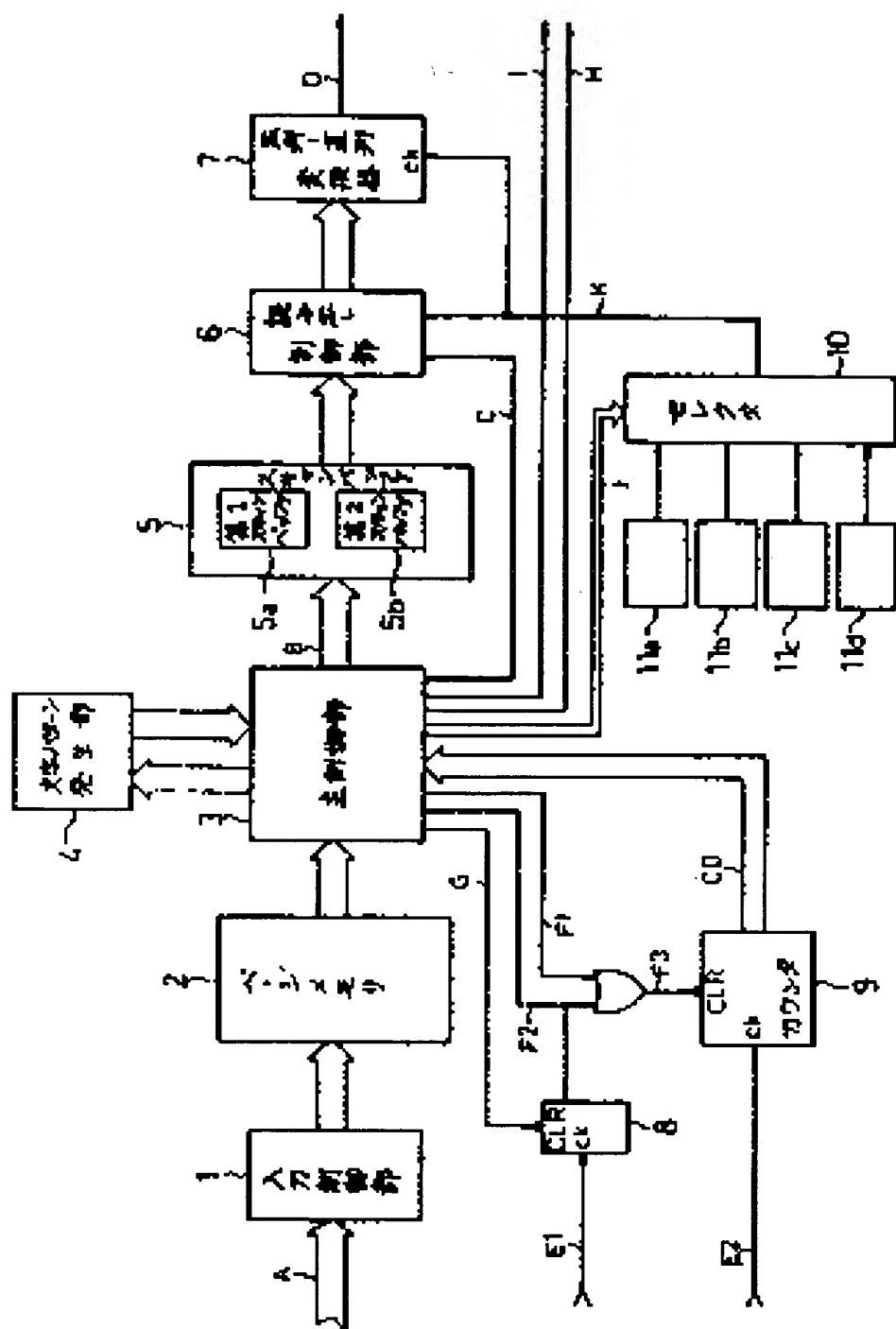
Patent Number: JP62049772  
Publication date: 1987-03-04  
Inventor(s): UEDA SHIGERU  
Applicant(s): CANON INC  
Requested Patent: JP62049772  
Application Number: JP19850188522 19850829  
Priority Number(s):  
IPC Classification: H04N1/04; B41J3/00; B41J3/10; G06K15/12; H04N1/23  
EC Classification:  
EC Classification:  
Equivalents: JP2033862C, JP7073322B

### Abstract

**PURPOSE:** To select an optimum carrier frequency for plural recording densities with a single control circuit by so constituting the titled controller that a supervisory means supervises the variation in scanning frequency of a scanning means, and a selecting means selects an optimum scanning frequency for an inputted image information in accordance with the output from the supervisory means.

**CONSTITUTION:** A main control part 3 outputs a pulse signal F1 to a counter 9 before writing an image, then the counter 9 counts for a prescribed time the frequency of a detection signal E2 outputted from a beam detector and outputs a counting data CD to the main control part 3. The part 3 supervises the counting data CD, and set a clock selection signal J to select the carrier frequency of a dot pattern data D in a selector 10 in accordance with the changing of the data CD, and makes the selector 10 select an appropriate one of the clocks from clock generators 11a-11d, reads out a clock signal K to carry the data D, and further outputs said data D to a read control part 6 and a parallel-series converter 7.

Data supplied from the **esp@cenet** database - I2



BEST AVAILABLE COPY